From: "Oakley, Dennis" < Dennis.Oakley@PacifiCorp.com>

To: "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "Edith Van Vleet"

<evanvleet@utah.gov>, "Jeffrey Studenka" <jstudenka@utah.gov>, "Lonnie Shull" <lshull@utah.gov>,

"Mike George" <mmgeorge@utah.gov> **Date:** 6/27/2005 4:13:37 PM

Subject: DMR Reports for Month of May 2005

Attached are the DMR reports for the month of May 2005. If there are any questions regarding these reports, please contact me at the numbers given below.

If my recall for the 1st report sent was not successful, please disregard and delete. This is the corrected version.

Dennis Oakley Senior Environmental Engineer

Energy West Mining Company 15 North Main Street P.O. Box 310 Huntington, Utah 84528

Phone: 435.687.4825 Cell: 435.650.9233 Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

The smallest good deed is better than the grandest good intention.

- Duguet -

CC: "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Jim Smith" <jimdsmith@utah.gov>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>



June 27, 2005

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of May, 2005. The Deer Creek Mine (UT0023604-002) exceeded the discharge limitations for total iron with a measurement of 4.78 mg/L. The dissolved portion reported <0.03 mg/L. All other discharge locations were reported with their respective limitations.

If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely,

for

Douglas E. Johnson

Manager of Administration and Technical Services

Encl

Cc:

Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
Chuck Semborski, with enclosures

Dennis Oakley " Ken Fleck "

Discharge Monitoring Report

Name: Pacificorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: **Trail Mountain Mine**

UT0023728 Permit Number 05/01/2005 05/31/20 05 Monitoring Period Sediment pond outfall into Cottonwood Ck.

001A Discharge Number

No	Disch	narg
	Х	

Parameter		Quant	ity or Loadin	g	Qu	anti ty or Cor	ncentration			Frequency of	
T di dinivitor		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl e Type
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measrd
00056 100 Effluent Gross Value	Permit Requirement	Report 30/7 day avg	Report Daily max	mgd	*****	******	*****	****		once/month	Mæsrd
рН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 100 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Instmin	*****	9.0 Instmax	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****					1/30	Grab
00530 100 Effluent Gross Value	Permit Requirement	******	*****	****	******	25/35 30/7 day avg	70 daily	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****		21	16				Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****		2		In ?	5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	NO			******				2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*******	****	*****	******	1.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	*****	*****	****	*****	******				1/30	-
03582 100 Effluent Gross Value	Permit Requirement	******	*****	****	*****	******	10 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	******				1/30	Grab
70295 100 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) Ibs/day	*****	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	******	*****	****		4/30	Visual
84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	******	*****	****		Weekly	Visual
Name/Title Principal Ex	autive Officer		of law that I have person			Date	06/27/20	005		Telephone	
	the information submitted hearing and based on my inquiry immediately responsible for obtaining the information. I believe the president InterWest information is true, accurate and complete. I am aware that Mining Company		mation, I belie n aware that th uding the possi	eve the submitted ere significant ibility of fine and	For Doug J	Johnson	H	435	687	-9821	
Imprisorment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Peratities under these statutes include fines up to \$10,000 and or maximum imprisorment of between 6 months and 5 years.)			Signature of Principal Executive Officer or			Area Code	Nu	mber			
Comments and explanation of any violations:											

During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

Copied from EPA Form 3320-1 (8-95) Page 1 of 2

Discharge Monitoring Report PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facilit y: **Trail Mountain Mine** UT0023728 05/01/2005 05/31/20 05 Monitoring Period 002 No Discharge Discharge Number Permit Number Χ Quantity or Concentration Quantity or Loading Parameter Maximum Units Minimum Average Maximum Units Sample Type Sample Measurement Measurd **** 00056 100 Permit ****** ***** ****** Estimated twice/month mgd Effluent Gross Value Requirement 30/7 day avg ***** ***** ***** **** /leasurement 00400 100 ***** ****** ****** Grab **** Effluent Gross Value Requiremen nst min Sample ****** ****** ***** 2/30 Grab Solids, Total Suspended 00530 100 **** Measurement Permit ***** ***** ***** twice/month Grab **** Effluent Gross Valu Requiremen 30/7 day avg mg/L Sample ***** ***** ***** **** Settleable Solids 00545 R 0 0 Permit (25) mL/L ***** ***** ***** **** Grab Effluent Gross Value Requirement Sample 2/30 Grab Iron, Total (as Fe) Measurement (19) twice/month Grab Effluent Gross Value Requirement Sample 1/30 Oil and Grease 03582 100 Effluent Gross Value (19) Grab once/month Requirement Daily max mg/L ample ****** ****** ***** ***** 2/30 Grab Solids, Total Dissolved Meæurement Permit 70295 100 (19) ****** ****** ****** ***** Grab twice/month Effluent Gross Value Requirement Daily max mg/L ****** ****** ****** ***** (94) Visual Oil and Grease, Visual **** Measurement 84066 100 Hermit | yes =1 no=0 ***** **** Effluent Gross Value Requirement inst max I certify under penalty of law that I have personally examined and amfamiliar wit 06/27/2005 Name/Title Principal Executive Officer Date Telephone he information submitted herein, and based onny inquiry of those individuals immediately responsible for dutaining the information. I believe the submitted immediately responsible for dutaining the information. I believe the submitted immediately responsible for dutaining the information is incomplete. I am aware that there significant penalties for submitting false information, including the possibility of fine and 435 687-9821 Mining Company imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of Signature of Principal Executive Officer or Authorized Agent Typed or Printed between 6 months and 5 years.) Comments and explanation of any violations: Sample for oil and grease is only required when sheen is observed

Copied from EPA Form 3320-1 (8-95) Page 2 of 2

Name: PacifiCorp, En: Address P.O. Box 310	ergy West Minin	g Company	D	ischar	ge Monito	oring Rep	ort				
Huntington, Ut Facilit y: Deer Creek M			UT0023604 Permit Number		05/01/2005 Monitoria	05/31/20 05 ng Period	<u> </u>	Dischar	001 ge Number		No Discharge
Parameter		Quan	tity or Loadin	g	Qı	anti ty or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl e Type
Flow Rate	Sample Measurement	0.08	0.08		******	*****	*****	****	0	1/30	Measured
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimat ed
pH	Sample Measurement	******	*****	****	8.17	*****	8.17		0	1/30	Grab
00400 100 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	16	16	16		0	1/30	Grab
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00545 R00 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	0.19	0.19		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00556 000 Effluent Gross Value Solius, i otai bissolived	Permit Requirement	*****	*****	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
180 °C	Sample Measurement	*****	860		******	*****	*****		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) Ibs/day	******	Report 30 day avg	Daily max	(19) mg/L		once/month	Grab
	Sample Measurement										
	Requirement										
Name/Title Principal Exe	outive Officer		of law that I have person			Date:	06/27/20	005		Telephone	•
Dee Jense - Presider Mining Com		immediately responsit information is true, ac penalties for submittir	ole for obtaining the info courate and complete. I a ng false information, incl	rmation, Ibeli maware that t uding the poss	eve the submitted here significant sibility of fine and	For Doug	ni Oak Johnson	H	435	687-	9821
, and the second	. ,		BUSC paragraph 1001 ar nclude fines up to \$10,000 1.5 years)				rincipal Executive C	Officer or	Area Code	Nun	nber
Typed or Prin			, -20.,						l	l	
Comments and explanal Sample oil and grease o			orthere is anothe	r reason to	obelieve oil is pr	esent.FillinN//	Awhen atestisn	ot perform	ed.		
Conied from EDA Form 2220	4 (0.05)									Dogo 1 of 2	

 Copied from EPA Form 3320-1 (8-95)
 Page 1 of 2

				iaabau	as Manite	wine Dan	4				
Name: PacifiCorp, En Address: P.O. Box 310	ergy West Minin	g Company	U	iscriar	ge Monito	oring Kep	ort	Deer Cree	k Mine Discharg	ge	
Huntington, Ut Facilit y: Deer Creek Mi			UT0023604 Permit Number		05/01/2005 Monitori	05/31/20 05 ng Period	}	Dischar	002 ge Number]	No Discharge
Parameter		Quan	tity or Loadin	g	Qı	anti ty or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl e Type
Flow Rate	Sample Measurement	0.31	0.52		*****	*****	*****	****	0	1/30	Measured
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****	7.44	*****	7.44		0	1/30	Grab
00400 100 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	11	11	11		0	1/30	Grab
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	4.78	4.78		1	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00556 000 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
50iius, i otai Dissolved 180 °C	Sample Measurement	*****	*****	****	*****	*****	438		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1000 Daily max	(19) mg/L		once/month	Grab
	Sample Measurement										
	Hermit Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have person			Date:	06/27/2	005		Telephone	
Dee Jense - Preside Mining Con	3			For Doug	Deani Oskly 435 For Doug Johnson			687-9821			
Typed or Prir	18 USC paragraph 1001 and 33 USC paragraph 1319. (Parallies include fires up to \$10,000 and or maximum imprisorment of and 5 years.) Signature of Principal Executive Authorized Agent				rincipal Executive C	Officer or	Area Code	Nun	nber		
Comments and explana Sampleoil and grease of	tion of any vio	lations:		rreason to	obelieve oilispr		<u> </u>	not perform	ed.	I	

 Copied fromEPA Form 3320-1 (8-95)
 Page 2 of 2

			Di	scharg	e Monito	rıng Repo					
Name: PacifiCorp, Er Address: P.O. Box 310	nergy West Minir	ng Company					Minor				
Huntington, U	Itah 84528		UT0022896	7	05/01/2005	05/31/20 05	T		001	1	No Discharge
Facility: Cottonwood/M			Permit Number			ng Period	+		ge Number		The Distributes
	ū			_				1		_	
Parameter		Quan	tity or Loadir	ng	Qı	uanti ty or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl e Type
Flow Rate	Sample Measurement	0.034	0.034		*****	*****	*****	****	0	1/30	Measured
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured
рН	Sample Measurement	*****	*****	****	7.72	*****	7.72		0	1/30	Grab
00400 100 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	*****	****	<5	<5	<5		0	1/30	Grab
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****	<0.05		0	1/30	Grab
01045 100 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.8 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
84066 000 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	*****	****		Weekly	Visual
	Sample Measurement										
	Requirement										
	Sample Measurement										
	Requirement										
	Sample Measurement										
	Hermit Requirement										
Name/Title Principal Ex	cecutive Officer		of law that I have person			Date	06/27/20	005		Telephone	
Dee Jense - Preside Mining Con		immediately responsit information is true, ac penalties for submittir	ole for obtaining the info courate and complete. I a ng false information, inc	ormation, I belie am aware that th luding the possi	eve the submitted nere significant ibility of fine and	For Doug	ni Oak Johnson	ly	435	687	-9821
, and the second	. ,	under these statutes in	USC paragraph 1001 a nclude fines up to \$10,00			Signature of F	Principal Executive C	fficer or	Area Code	Nu	ımber
Typed or Prin		between 6 months and	obyears.)				uthorized Agent				
Comments and explana If oil and grease sheen			aken and this mu	stbelessth	nan 10 mg/L.						

Copied from EPA Form 3320-1 (Rev.3-99)

Revised 1-02

Page 1 of 6

			Di	scharç	ge Monito	ring Repo	rt				
Name: PacifiCorp, En Address: P.O. Box 310	ergy West Minin	g Company					Minor				
Huntington, U: Facility: Cottonwood/W			UT0022896 Permit Number		05/01/2005 Monitori	05/31/20 05 ng Period]	I .	003 ge Number]	No Discharge
Parameter		Quan	tity or Loadin	g	Qı	uanti ty or Co	ncentration			F	
i arameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	*****	*****	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 100 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		onœ/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 100 Effluent Gross Value	Permit Requirement	******	*****	****	25 30 day avg	35 7 day 1 x		(19) mg/L		onœ/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	Aic	r 112	190			1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	A	Dia		0.5 Daily max	(25) mL/L		onœ/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	V	*****					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	*****	*****	****		Weekly	Visual
	Sample Measurement										
	Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have person tted herein; and based on			Date	06/27/2	005		Telephon e	
Dee Jense - Preside	immediately responsi information is true, a	nie for obtaining the info	mation, Ibeli maware that t	eve the submitted here significant	For Doug	ni Oak	ly	435	687	-9821	
Mining Con	npany	imprisonment. See 18	USC paragraph 1001 an include fines up to \$10,000	d 33 USC para	ngraph 1319. (<i>Penaltie</i> s		Principal Executive (Officer or	Area Code	Nic	ımber
Typed or Prin	nted	between 6 months and	15 years.)			А	Authorized Agent		Alecode	INU	iiiiba
	Comments and explanation of any violations: If oil and grease sheen is observed, asample must betaken and this must beless than 10 mg/L.										

Copied from EPA Form 3320-1 (Rev.3-99)

Revised 1-02

Page 3 of 6

			Dis	charg	e Monito	ring Repo	rt				
Name: PacifiCorp, Ene Address: P.O. Box 310	ergy West Minin	g Company					Minor				
Huntington, Ut			UT0022896	Ī	05/01/2005	05/31/20 05	I		004		No Discharge
Facility: Cottonwood/Wi	lb ergMine		Permit Number	ļ	Monitori	ng Period	1	Dischar	ge Number		X
	ı								l	l	
Parameter			tity or Loadin			uantity or Cou	1	I		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl eType
Flow Rate	Measurement				*****	*****	*****	****			
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	******	*****	****		onœ/month	Measured
рН	Sample Measurement	*****	*****	****		*****					
00400 100 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Instmin	*****	9.0 Instmax	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****							
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30.day =	35	rot	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******		nic	Clica	70	IIIg/L			
01045 10 0 Effluent Gross Value	Permit Requirement	*****	****	0		Report 30 day avg	1.0 Daily max	(19) mg/L		onœ/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	-	(94)	*****	******	******	****		4/30	Visual
84066 100	Permit	******	0	yes =1	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value	Requirement Sample		inst max	no=0				****		,	
	Measurement Permit										
	Requirement										
	Sample Measurement										
	Permit t										
	Requirement Sample										
	Measurement Hermit										
	Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have person ted herein; and based on			Date:	06/27/20	05		Telephone	
Dee Jense - Presider Mining Com		immediately responsib information is true, ac penalties for submitting	le for obtaining the infor curate and complete. I an g false information, incli	mation, I belie n aware that th uding the possi	we the submitted ere significant bility of fine and	For Doug J	i Oak Johnson	l	435	687	-9821
		under these statutes in	USC paragraph 1001 and clude fines up to \$10,000				rindpal Executive O	fficer or	Area Code	Nu	ımber
Typed or Prin		between 6 months and	5 years.)			A	thorized Agent				
Comments and explanat If oil and grease sheen i			aken and this mus	atbeless t	han 10 mg/L.						

Copied from EPA Form 3320-1 (Rev.3-99)

Revised 1-02

Page 4 of 6

			Dis	scharg	e Monitor	ring Repo	rt				
	ergy West Minino	g Company		·		• .	Minor				
Address: P.O. Box 310 Huntington, U	tah 84528		UT0022896	1	05/01/2005	05/31/20 05	Т		005	ì	No Discharge
Facility: Cottonwood/W			Permit Number			ng Period	†		ge Number		X X
,.						9	<u></u>		ge - 14-1-14-	_	لكا
Parameter		Quant	ity or Loadin	g	Qu	anti ty or Co	ncentration			Frequency of	
i urumotor		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample				*****	*****	******	****			
00056 100	Measurement Permit	Report	Report								
Effluent Gross Value	Requirement	30 day avg	Daily max	(03) mgd	******	******	******	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****					
00400 100	Permit	*****	*****	****	6.5	*****	9.0	(12)		once/month	Grab
Effluent Gross Value	Requirement Sample			****	Inst min		Inst max	SU			3.00
Solids, Total Suspended	Measurement	******	*****	****	******						
00530 100	Permit	*****	*****		.,,,,,			(19)		once/month	Grab
Effluent Gross Value	Requirement Sample				ecn		7 day max	mg/L		Granicia	5.00
Settleable Solids	Measurement	******	A l'a		JV"	- ******	NR				
00545 R 0 0	Per mit	******	NO-	_	*****	*****	0.5	(25)		once/month	Grab
Effluent Gross Value	Requirement Sample			****			Daily max	mL/L		O TOO THO THE	0.00
Iron, Total (as Fe)	Measurement	*****	******	****	******						
01045 10 0	Permit	******	******		*****	Report	1.0	(19)		once/month	Grab
Effluent Gross Value	Requirement Sample			****		30 day avg	Daily max	mg/L		O I CO I I CI I CI	5.00
Oil and Grease, Visual	Measurement	******		(94)	******	******	******	****			
84066 100 Effluent Gross Value	remit Requirement	******	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Ellucit Gloss value	Sample		IIIs. IIIax	110-0							
	Measurement										
	Requirement										
Name/Tital Principal Ex	recutive Officer		of law that I have person			Date	06/27/20	005		Telephon e	
		immediately responsib	ted herein; and based on le for obtaining the info					11			
Dee Jense - Preside		information is true, ac	curate and complete. I and	m aware that th	ere significant	For Doug	ni (lak	ly	435	687	-9821
Mining Cor	npan y		g naiseimiomalion, mo USC paragraph 1001 an					<u>O</u>			
Typed or Pri	at ad	under these statutes in between 6 months and	nclude fines up to \$10,000	and or maxin	num imprisonment of		rincipal Executive O uthorized Agent	fficer or	Area Code	Nu	mber
	comments and explanation of any violations:										
If oil and grease sheen	,		kan and this mu	et halæe ti	nan 10 ma/l						
ii on and grease snear	ioobouvou, as	ampre musi bete	acar and this inte	DC1003 (1	iai ionig/L.						
Copied from EPA Form 332	1/5 0.00		Rayisad 1-02							Page 5 of 6	

Copied from EPA Form 3320-1 (Rev. 3-99)

Revised 1-02

Page 5 of 6

			Dis	scharg	e Monitor	ing Repo	rt				
Name: PacifiCorp, Ena Address P.O. Box 310 Huntington, Ut Facility: Cottonwood/W		g Company	UT0022896 Permit Number]	05/01/2005 Monitorin	05/31/20 05 g Period	I	Minor F - Final, Combination 0 SUM A Discharge Number		001, 003, 004, & 005 No Discharge	
Parameter		Quar	tity or Loadin	ıg	Qu	anti ty or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sampl e Type
Solids, Total Dissolved (001)	Sample Measurement	208.47	208.47		*****	*****	*****				
70295 100 Effluent Gross Value	Permit Requirement	Report	2000 Daily max	(26)	******	*****	*****	****		once/month	Grab
Emilienii Gross value	Sample Measurement	30 day avg		lbs/day							
	Permit Requirement		Froi								
	Sample Measurement				h	arge					
	Permit Requirement			.1.	Mistir	# ************************************	n E				
	Sample			MO	Nia.	. <i>a</i> N	13				
	Measurement			124		<u> </u>	,				
	Permit Requirement				La NU1	hy "					
	Sample			. 0	7.7.	_					
	Measurement Permit		4-4	M VI	, ,						
	Requirement		Frui	, , ,							
	Sam ple		1 1 7 7								
	Measurement										
	Permit Requirement										
	Sam ple										
	Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer		y of law that I have perso			Date	06/27/20	005		Telephon e	
Dee Jense - Preside Mining Con		immediately responsi information is true, a	itted herein; and based o ble for obtaining the info occurate and complete. I a ng false information, incl	rmation, I belie m aware that th	eve the submitted nere significant	For Doug	i Oak Johnson	H	435	687	-9821
	. ,	under these statutes	8 USC paragraph 1001 an include fines up to \$10,000				rindpal Executive O	fficer or	Area Code	Nu	mber
Typed or Prin		between 6 months an	d 5 years.)			Ai	uthorized Agent				
Comments and explana Total discharge of TDS			05 shall not exceed	1 2,000 lbs	day during draw	down.					

 Copied from EPA Form 3320-1 (8-95)
 Revised 1-02
 Page 6 of 6

Parameter	ity or Concentration Average Maximum L	001 Discharge Number Units No. Ex.	Frequency of Analysis	No Discharge			
Huntington, Utah 84528	ity or Concentration Average Maximum L	Discharge Number Units No.Ex.	Frequency of				
Parameter	ity or Concentration Average Maximum L	Discharge Number Units No.Ex.	Frequency of				
Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Minimum Average	Average Maximum L	****					
Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Minimum Average	Average Maximum L	****		Sampl e Type			
Flow Rate Messurement 00056 1 0 0 Permit Report Report Daily max mgd Daily mgd Dai	******	****		Sampl e Type			
Flow Rate	******						
00066 1 0 0 Permit Report Report Effluent Gross Value Requirement 30 day avg Dally max mgd Sample OH Messurement 00400 1 0 0 Permit Effluent Gross Value Requirement Effluent Gross Value Requirement	******		1				
pH Sample Measurement 00400 1 0 0 Permit 0.5 Effluent Gross Value Requirement Instinin Instinin Constitution Constitution	*****	****	once/month	Estimated			
Effluent Gross Value Requirement Inst min							
Sample	****** 9.0 Inst max	(12) SU					
Solids, Total Suspended Messurement		****	****	****			
00530 1 0 0 Permit 25 35 Effluent Gross Value Requirement 30 day avg 7 day	alatte casa c	(19) mg/L	once/month	Grab			
Semple Settleable Solids Measurement 00545 R 0.0 Permit	******	*****					
Effluent Gross Value Requirement Sample		(25) mL/L	once/month	Grab			
Iron, Total (as Fe) Messurement	10 10	(19)	****	****			
Effluent Gross Value Requirement	Daily max	mg/L	once/month	Grab			
Solids, Total Dissolved Measurement ****	500 mg/L						
7/0255	******	(19) mg/L	once/month	Grab			
Saripte Messurement Fermit							
Requirement							
Name/Title Principal Executive Officer certify under penalty of law that I have personally examined and amfamiliar with the information submitted herein; and based on my inquiry of those individuals	Date 06/27/2005	i	Telephon e				
Dee Jense - President InterWest information is true, accorded and compiled I an aware that there significant formation is true, accorded and compiled I am aware that there significant formation is true, accorded in an aware that there significant formation in the compiled in compiled to information including the possibility of fire and in the compiled to including the compiled the compiled to including the compiled ton the compiled to including the compiled to including the compile							
IVIINING COMPORTY Imprisonment. See 18 USC paragraph 1001 and 38 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of State of the state of th	Signature of Principal Executive Office	ar or Area Code	Nur	mber			
Typed or Printed between 6 months and 5 years.)	Authorized Agent						
Comments and explanation of any violations: Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during sto							

 Copied from EPA Form 3320-1 (8-95)
 Page 1 of 1

Name: PacifiCorp, En Address P.O. Box 310 Huntington, U Facility: Hunter Coal F			UTG040009 Permit Number]	05/01/2005 Monitori	05/31/20 05 ng Period	3		001 ge Number]	No Discharge
Parameter		Quan	tity or Loadin	ıg	Qı	anti ty or Co	oncentration			F	
1 di dilictoi		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sampl e Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimat ed
pH 00400 100	Sample Measurement	*****	******	****		*****					
00400 100 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****						****	****
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	day avg	770 daily may	(19) mg/L		once/month	Grab
Settleable Solids 00545 R 0 0	Sample Measurement Permit	******	*****	****		ahi	3140	1			
Effluent Gross Value	Requirement	*****	******	ھا		Ci.i.	Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	V		*****				****	****
01045 100 Effluent Gross Value	Permit Requirement	******	******	****	*****	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 100 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	500 mg/L 30 day avg	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	******	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Ex			of law that I have person	nally examined		Date	06/27/2	005		Telephone	
Dee Jense - Preside Mining Con		immediately responsib information is true, ac penalties for submittir	ng false information, incl	rmation, I belion maware that to uding the poss	eve the submitted here significant ibility of fine and	For Doug	ni Oak	ly	435	687	-9821
Typed or Prin			USC paragraph 1001 an nclude fines up to \$10,000 15 years.)				Principal Executive C Authorized Agent	Officer or	Area Code	Nu	ımber
Comments and explana Oil and grease not to ex			ved. Settleable so	olids shall	bemæsured dur	ing storm water	discharge and no	t exceed 0.s	5 ml/L.	•	

Copied from EPA Form 3320-1 (8-95) Page 1 of 2

Name: PacifiCorp. Er	ergy West Minin	n Company	Dis	scharg	je Monitoi	ring Repo	ort				
Address P.O. Box 310 Huntington, U Facility: Hunter Coal I	tah 84528		UTG040009 Permit Number]	05/01/2005 Monitori	05/31/20 05 ng Period	∃		002 ge Number		No Discharge
Parameter		Quan	tity or Loadin	g	Qı	anti ty or Co	oncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 100 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	day avg		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nic	:Cn	dra.		****		
00545 R00 Effluent Gross Value	Permit Requirement	*****	******	N			0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******		******	*****			****	****	****
01045 100 Effluent Gross Value	Permit Requirement	******	*****	****	******	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 100 Effluent Gross Value	Permit Requirement	*****	*****	****	******	******	500 mg/L 30 day avg	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/T itle Principal E	cecutive Officer		of law that I have person			Date	06/27/20	005		Telephon e	
Dee Jense - Preside Mining Cor		immediately responsit information is true, ao penalties for submittir	ng false information, incli	mation, Ibeli n aware that thuding the poss	eve the submitted nere significant sibility of fine and	For Doug	ni Oak Johnson	lJ.	435	687	-9821
Typed or Pri			USC paragraph 1001 am nclude fines up to \$10,000 1.5 vears)			Signature of I	Principal Executive O Authorized Agent	fficer or	Area Code	Nu	ımber
Comments and explana		<u> </u>	/							l	
Oil and grease not to e			ved. Settleable so	lidsshall	be measured duri	ing storm water	discharge and not	texceed 0.9	5 ml/L.		

 Copied from EPA Form 3320-1 (8-95)
 Page 2 of 2

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company						•		Minor			
Address: P.O. Box 310 Huntington, Utah 84528			UTG040009	1	05/01/2005	05/31/20 05	1		Combination 00 JM A		No Discharge
Facility: Hunter Coal Preparation Plant			Permit Number			g Period		_	ge Number		~
,	•			•						•	X.
Parameter		Quantity or Loading		Quanti ty or Co				,	Frequency of	ļ	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No.Ex.	Analysis	Sample Type
	Sample Measurement	******			*****	******	******				
	Permit Requirement	*****	2000 Daily max	(26) Ibs/day	*****	******	******	****		once/month	Grab
	Sample Measurement										
	Permit Requirement		N Fro								
	Sample Measurement				h	ary					
	Permit Requirement			1	TIGUL	_	A				
	Sample			A L	/10	A C	7				
	Measurement Permit		N	ע	-4	e uu					
	Requirement				<u> </u>	<u> </u>					
	Sample Measurement			-6	י ען						
	Permit Requirement		Gro	}]]]							
	Sam ple Measurement		11,								
	Permit Requirement										
	Sample Mæsurement										
	Permit Requirement										
		of law that I have personally examined and am familiar with tted herein; and based on my inquiry of those individuals		Date: 06/27/2005		Telephone					
		immediately responsible	hie for obtaining the information. I believe the submitted			Denni Oakly		435	687-9821		
imprisonment.		imprisonment. See 18	submitting false information, including the possibility of fine and t. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties statutes include fines up to \$10,000 and or maximum imprisorment of norths and 5 years.)			For Doug Johnson Signature of Principal Executive Officer or					
		under these statutes in between 6 months and				Authorized Agent			Area Code	Number	
Comments and explanation of any violations:											
If each outfall cannot ach	nieve a 30 day	average of 500	mg/L, then the pe	rmitteeis	limited to one to	n (2000 lbs) per	day as a sum from	m all outfa	IIs.		

 Copied from EPA Form 3320-1 (8-95)
 Revised 1-02
 Page 6 of 6